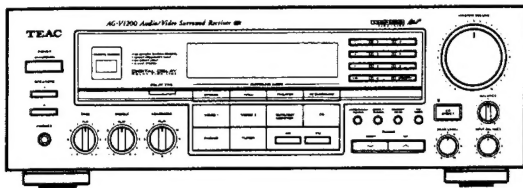


TEAC[®]



TEAC -00326



SERVICE MANUAL

AG-V1200

Audio/Video Surround Receiver

NOTES

- PC boards shown are viewed from parts side.
- Parts marked with * require longer delivery time.
- The parts with no reference number or no parts number in the exploded views are not supplied.
- As regards the resistors and capacitors, refer to the circuit diagrams contained in this manual.
- Δ Parts marked with this sign are safety critical components. They must always be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- Parts of [] marked can be used only with the version designated.
[J] : JAPAN [US] : U.S.A. [C] : CANADA [GE] : GENERAL EXPORT
[E] : EUROPE [UK] : U.K. [A] : AUSTRALIA

1. SPECIFICATIONS

Amplifier Section

Output Power:

Front:

100 watts per channel minimum RMS,
both channels driven into 8 ohms from
20 Hz to 20 kHz with no more than
0.08% total harmonic distortion

Rear:

15 watts per channel minimum RMS,
both channels driven into 8 ohms from
20 Hz to 10 kHz with no more than
0.8% total harmonic distortion

Surround Mode:

Delay Time

DOLBY SURROUND; 15 to 30 ms

THEATER; 0 to 39 ms

HALL; 0 to 39 ms

Input Sensitivity/Impedance:

PHONO (MM): 2.5 mV/47k ohms
CD, VIDEO 1, 2, TAPE/DAT: 150
mV/33k ohms

Frequency Response:

20 Hz – 20 kHz ± 1 dB (PHONO)

10 Hz – 50 kHz ± 1 , -3 dB

(CD, VIDEO 1, 2, TAPE/DAT)

Total Harmonic Distortion:

Front: 100W x 2/0.04%

Rear: 15W x 2/0.5%

Signal-to-Noise Ratio (IHF A Network):

PHONO (MM): 68 dB

CD, VIDEO 1, 2, TAPE/DAT: 88 dB

Tone Control:

Bass: ± 9 dB at 100 Hz

Treble: ± 9 dB at 10 kHz

Loudness Control (Volume at -40 dB

Position):

Variable type; 0 - 9 dB (at 100 Hz)

FM Tuner Section

(without notes 98 MHz 65 dBf)

Tuning Range:

87.5 MHz – 108.0 MHz (100 kHz
steps)

(USA/canada)

87.50 MHz – 108.00 MHz (50 kHz
steps)

(Europe/U.K.)

Usable Sensitivity (IHF):

Mono 12 dBf (U.S.A./Canada)

Mono 13 dBf (Europe/U.K.)

50 dB Quieting Sensitivity:

Mono 20 dBf/Stereo 40 dBf

AM Suppression Ratio (1 kHz): 60 dB

Capture Ratio: 1.5 dB

Image Rejection Ratio: 55 dB

Harmonic Distortion (1 kHz):

Mono 0.2%/Stereo 0.4%

Frequency Response:

30 Hz – 12 kHz (± 0.5 , -3 dB)

Stereo Separation (1 kHz): 40 dB

Signal-to-Noise Ratios:

Mono 75 dB/Stereo 68 dB

IF Rejection Ratio: 80 dB min

Spurious Rejection Ratio (1 kHz):

80 dB min.

AM Tuner Section

(without notes 1,050 kHz 85 dB/m)

Tuning Range:

530 kHz – 1,710 kHz (10 kHz steps)
(U.S.A./Canada)

522 kHz – 1,611 kHz (9 kHz steps)
(Europe/U.K.)

Usable Sensitivity: 50 dB/m

Selectivity: 43 dB ± 10 kHz

Harmonic Distortion: 0.7%

Signal-to-Noise Ratio: 50 dB

Video Section

Input Sensitivity/Impedance: 1.0 Vp-p/75
ohms

Output Level/Impedance: 1.0 Vp-p/75 ohms

Frequency Response: 10 to 10 MHz (-3 dB)

Signal-to-Noise Ratio: 60 dB (1 kHz, HPF
IN)

General

Power Requirements:

120 V AC, 60 Hz (U.S.A./Canada)

230 V AC, 50 Hz (Europe)

240 V AC, 50 Hz (U.K.)

Power Consumption:

3.5 A (U.S.A./Canada)

750 W (Europe/U.K.)

AC Outlet: Switched x 2, Unswitched x 1

(U.S.A./Canada)

Not provided (Europe/U.K.)

Dimensions (W x H x D):

435 x 149 x 350 mm

(17-1/8" x 5-7/8" x 13-3/4")

Weight (net): 10.5 kg (23-1/8 lbs.)

Standard Accessories:

AM loop Antenna x 1

FM T-SHAPE antenna x 1

Remote Control Unit (UR-400) x 1

Battery ("AA", "R06", SUM-3) x 2

REMOTE CONTROL cable x 2

Matching Transformer (for 300 ohms
to 75 ohms conversion) (Europe/U.K.)

*Improvements may result in specifications
and features changing without notice.

*Photos and illustrations may slightly differ
from production models.

This unit incorporates microcomputers and
when it is turned on for the first time, it may
not operate correctly because of external
noise, etc. In such a case, turn the POWER
switch OFF, then disconnect the power plug
from the wall outlet, and allow for approx.
one minute before turning it ON again to
restart operations from the beginning.

2. ADJUSTMENTS AND CHECKS

2-1. AM OSC. TRACKING ADJUSTMENT

1. Set the unit to "AM" position.
2. Place the radio frequency display to 1,710 kHz (1,611 kHz for Europe model).
3. Adjust L201 core so that voltage measured is 8.5V.

2-2. AM IF ADJUSTMENT

1. Test equipment connections are shown in Fig. 2-1.
2. Set the unit to "AM" position.
3. Place the radio frequency and signal generator setting to 1,000 kHz (999 kHz for Europe model).
4. Adjust L203 for maximum output.

2-3. AM RF ADJUSTMENT

1. Test equipment connections are shown in Fig. 2-1.
2. Set the unit to "AM" position.
3. Place radio frequency and signal generator setting to 1,400 kHz (1,404 kHz for Europe model).
4. Adjust C251 for maximum output.
5. Place radio frequency and signal generator setting to 600 kHz (603 kHz for Europe model).
6. Adjust L202 for maximum output.
7. Repeat steps 3, 4, 5, 6.

AM SIGNAL GENERATOR CONDITION

Modulation.....30%

Modulation frequency.....400Hz

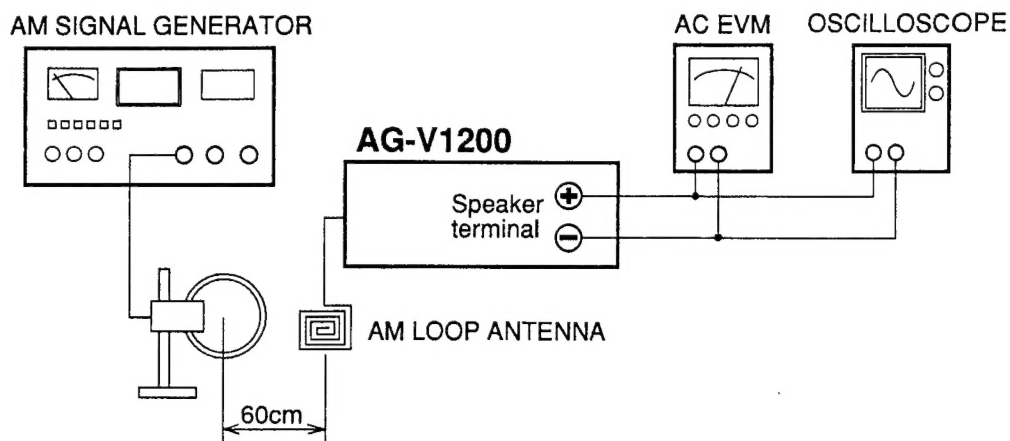


Fig. 2-1

2-4. AM TUNED LED ON LEVEL ADJUSTMENT

1. Place radio frequency and signal generator setting to 1,000 kHz (999 kHz for Europe model).
2. Adjust R251 so that tuned LED is light.

AM SIGNAL GENERATOR CONDITION

Output level70dB/m

2-5. FM MONO DISTORTION ADJUSTMENT

1. Test equipment connections are shown in Fig. 2-2.
2. Set the unit to "FM" position.
3. Place the radio frequency and signal generator setting to 98.1MHz.
4. Adjust T101 core so that voltage measured in signal mode is 0mV($0 \pm 30\text{mV}$) in 500 mV range.

FM SIGNAL GENERATOR CONDITION

Modulation.....100%(75kHz dev.)

Modulation frequency.....1kHz

Output level.....65dBf

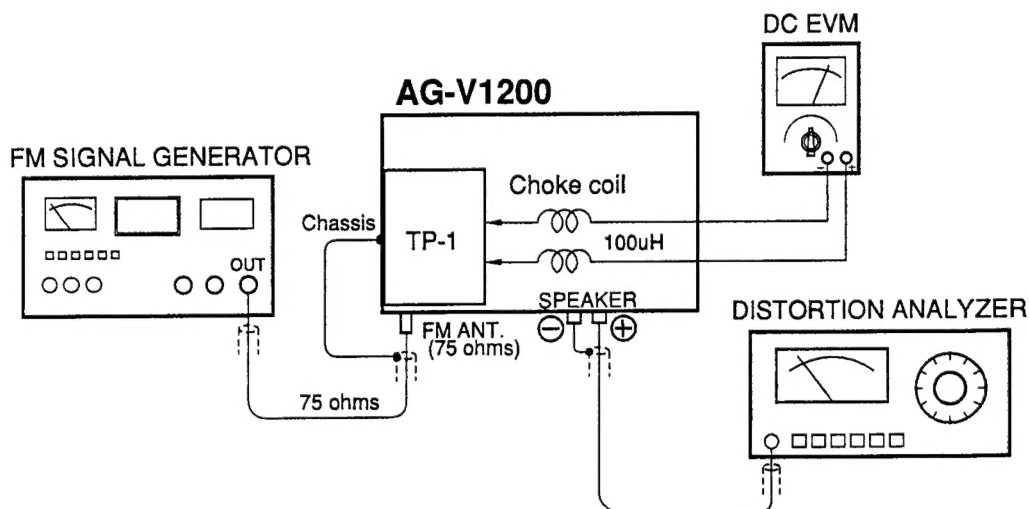


Fig. 2-2

2-6. FM STEREO SEPARATION ADJUSTMENT

1. Test equipment connections are shown in Fig. 2-3.
2. Set the unit to "FM STEREO" position.
3. Place the radio frequency and signal generator setting to 98.1MHz.
4. Adjust R351 so that R channel output is minimized when stereo modulator is in "L" (L channel modulation) mode.

FM SIGNAL GENERATOR CONDITION

Modulation..... "L" mode or "R" mode 45%, Pilot 10%

Modulation frequency.....1kHz, Pilot(19kHz)

Output level.....65dBf

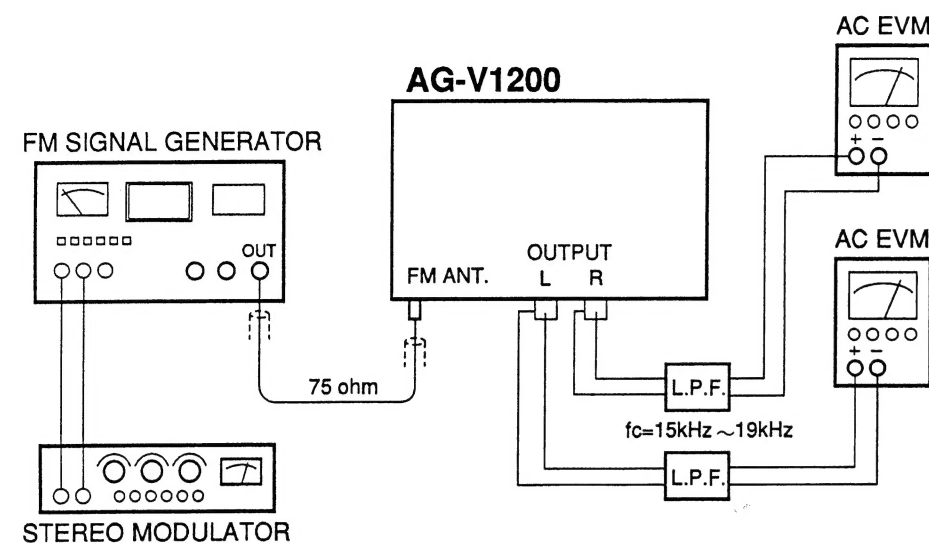


Fig. 2-3

2-7. FM TUNED LED ON LEVEL ADJUSTMENT

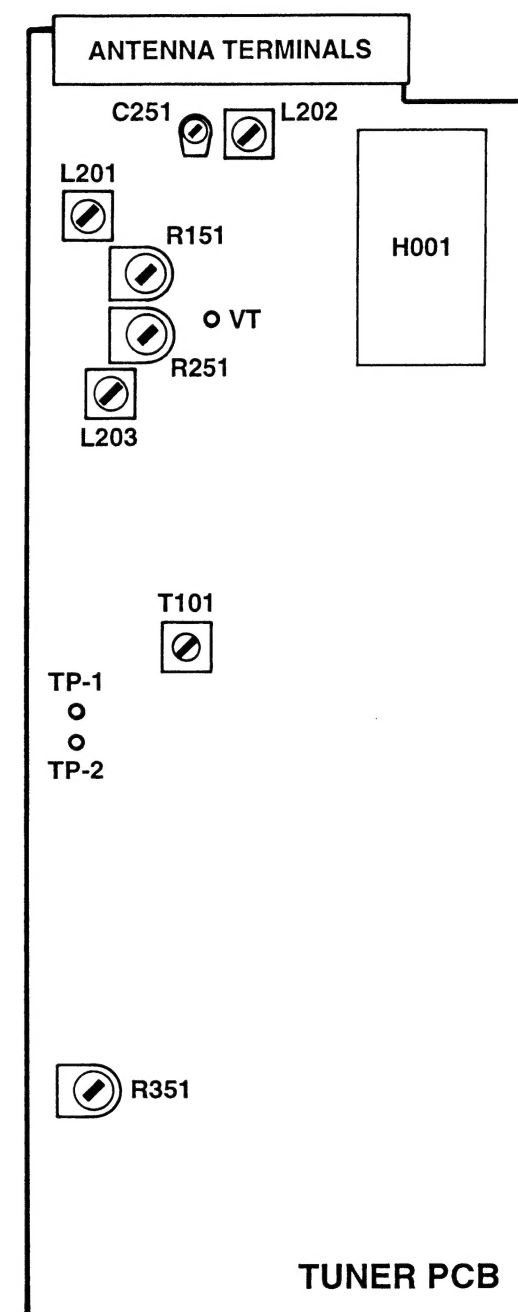
1. Place the radio frequency and signal generator setting to 98.1MHz.
2. Adjust R151 so that tuned LED is light.

FM SIGNAL GENERATOR CONDITION

Output level25dBf

2-8. ADJUSTMENTS AND TEST POINTS

U.S.A. and Canada models



Europe model

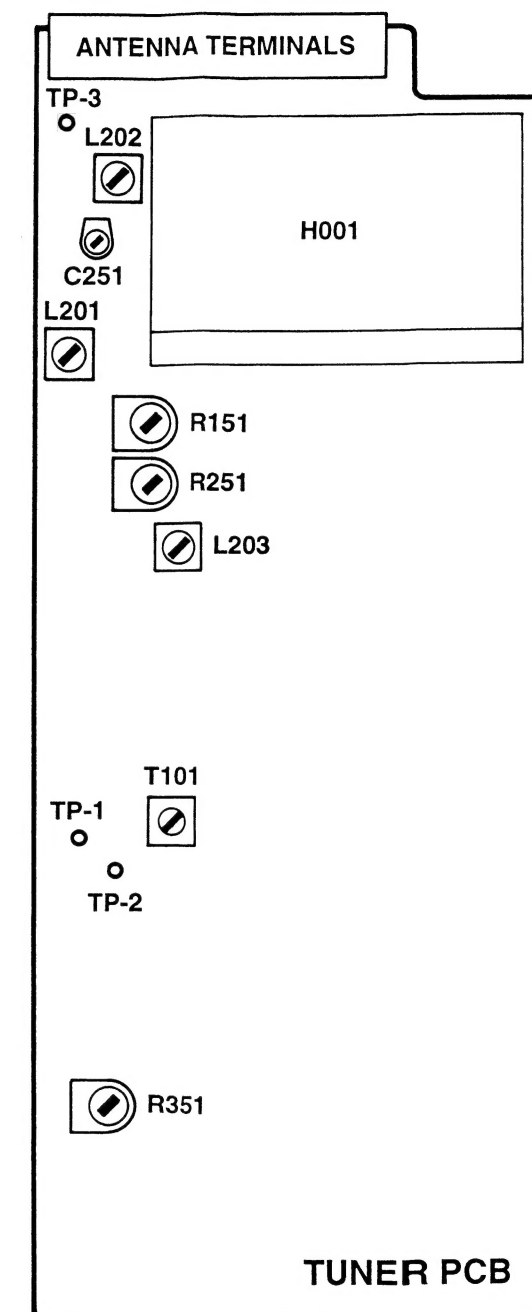
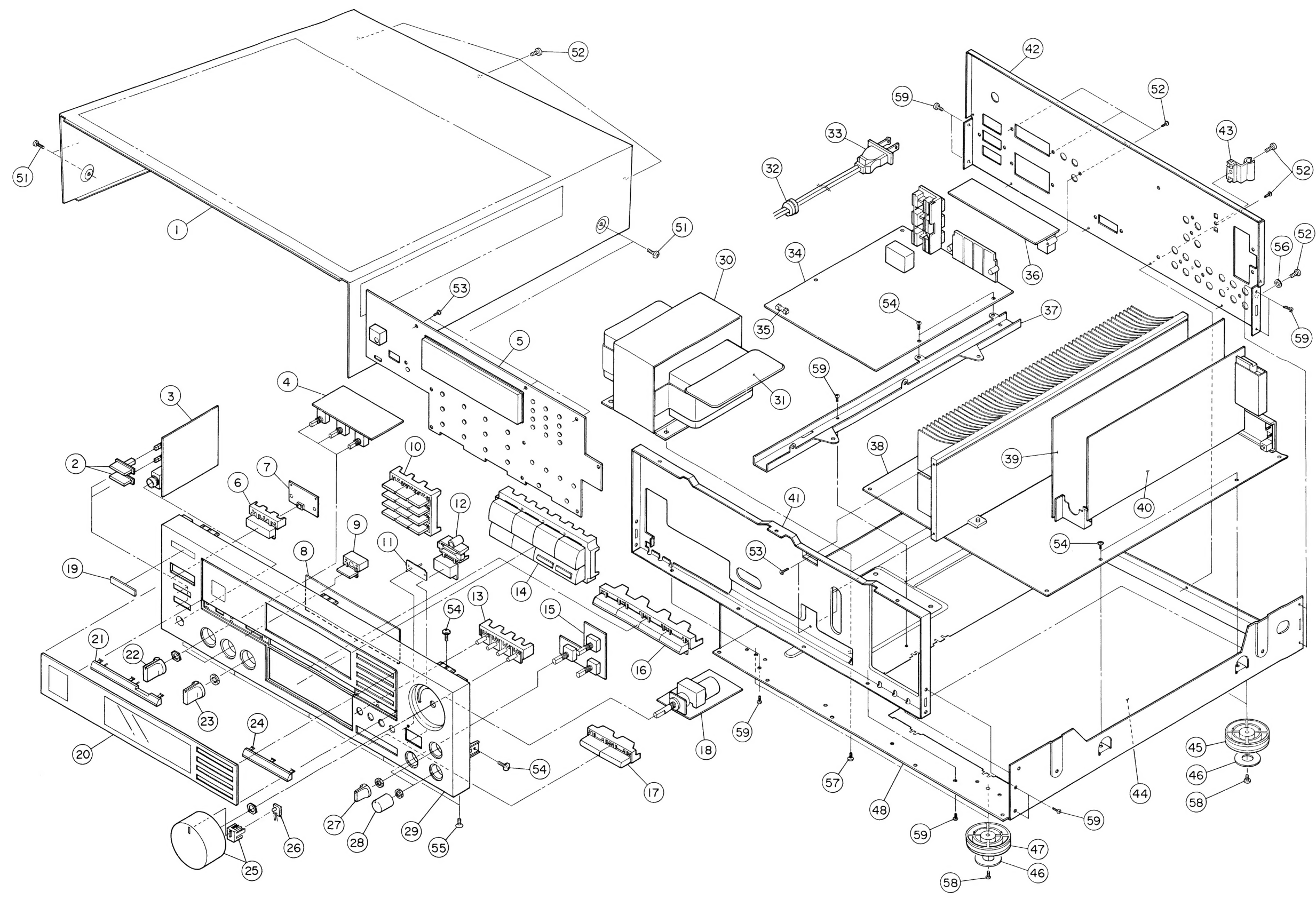


Fig. 2-4

3. EXPLODED VIEW AND PARTS LIST

EXPLODED VIEW



REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1	*9A03550300	TOP COVER BODY	
2	9A02704300	KNOB, SPEAKER	
3	*9A03557000	SPK SW PCB ASSY, PW2072-3	
4	*9A03556700	TONE CONTROL PCB ASSY, PW2073-3 [US,C]	
	*9A03556720	TONE CONTROL PCB ASSY, PW2074-3 [E]	
5	*9A03555900	U-COM PCB ASSY, PW2072-1 [US,C]	
	*9A03555920	U-COM PCB ASSY, PW2072-1 [E]	
6	9A03548600	KNOB, POWER	
7	*9A03556200	POWER SW PCB ASSY, PW2072-5A	
8	*9A03548400	PLATE, FLD FILTER [US,C]	
	*9A03646200	FILTER FLD [E]	
9	9A03548700	KNOB, DELAY TIME	
10	9A03549600	KNOB, PRESET	
11	*9A03550000	INDICATOR, CD DIRECT	
12	9A03549400	KNOB, CD DIRECT	
13	9A03549000	KNOB, MODE	
14	9A03549700	KNOB, FUNCTION ASSY	
15	*9A03556900	BALANCE PCB ASSY, PW2073-5 [US,C]	
	*9A03556920	BALANCE PCB ASSY, PW2074-5 [E]	
16	9A03548900	KNOB, SURROUND	
17	9A03548800	KNOB, TUNING	
18	*9A03556800	VOLUME PCB ASSY, PW2073-4 [US,C]	
	*9A03556820	VOLUME PCB ASSY, PW2074-4 [E]	
19	*9A02966100	PLATE, BRAND MARK TEAC	
20	*9A03548500	PLATE, ORNAMENT	
21	*9A03549100	PIECE, DECORATION (L)	
22	9A03549800	KNOB, TONE VOLUME	
23	9A03549900	KNOB, LOUDNESS	
24	*9A03549200	PIECE, DECORATION (R)	
25	9A02966000	KNOB, MAIN VOL ASSY	
26	*9A03556300	POWER LED PCB ASSY, PW2073-6 [US,C]	
	*9A03556320	POWER LED PCB ASSY, PW2074-6 [E]	
27	9A03549300	KNOB, BALANCE	
28	9A03549500	KNOB, SURROUND VOLUME	
29	*9A03559200	FRONT COVER ASSY [US,C]	
	*9A03559220	FRONT COVER ASSY [E]	
30	△ 9A03548300	TRANS., POWER 120V [US,C]	
	△ 9A03646000	TRANS., POWER 230V [E]	
31	*9A03555700	POWER TRANS. PCB ASSY, PW2071-2	
32	△ *9A02705900	BUSHING, PWR.CORD	
33	△ *9A02702400	CORD, AC 125V 15A [US,C]	
	△ *9A02965500	CORD, AC 250V 2.5A [E]	
34	*9A03556600	PROTECTOR PCB ASSY, PW2073-2 [US,C]	
	*9A03556620	PROTECTOR PCB ASSY, PW2074-2 [E]	
35	9A03316500	FUSE, 6.3A 125V [US,C]	
	9A03645900	FUSE, T3.15A 250V [E]	
36	*9A03556100	REAR SPK JACK PCB ASSY, PW2072-4 [US,C]	
	*9A03556120	REAR SPK JACK PCB ASSY, PW2072-4 [E]	
37	*9A03550600	BRACKET, PCB	
38	*9A03555600	MAIN PCB ASSY, PW2071-1 [US]	
	*9A03555610	MAIN PCB ASSY, PW2071-1 [C]	
	*9A03555620	MAIN PCB ASSY, PW2071-1 [E]	
39	*9A03556000	SURROUND PCB ASSY, PW2072-2A	
40	*9A03556500	TUNER PCB ASSY, PW2073-1 [US,C]	
	*9A03556520	TUNER PCB ASSY, PW2074-1 [E]	
41	*9A03550500	BRACKET, FRONT	
42	*9A03550200	REAR PANEL BODY [US,C]	
	*9A03646300	REAR PANEL BODY [E]	
43	*9A02706700	LOOP ANTENNA HOLDER-A	
44	*9A03318300	BOTTOM CHASSIS, A	

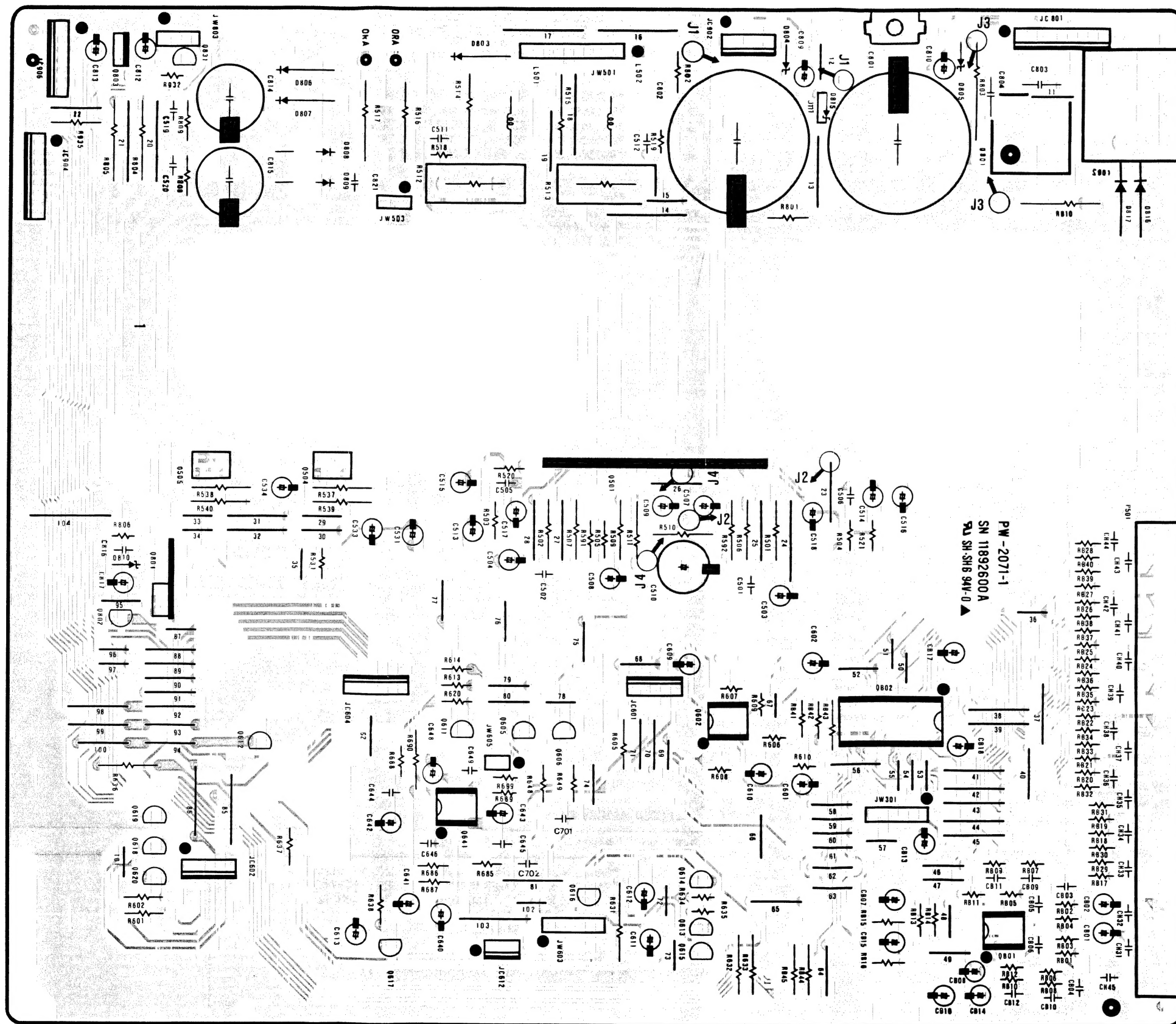
REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
45	9A02707200	FOOT, REAR	
46	*9A02707100	CUSHION, FOOT	
47	9A02967100	FOOT, FRONT	
48	*9A03550700	BOTTOM CHASSIS	
51	*9A02691900	SCREW, PBTB 4X8 SBN	
52	*9A02692000	SCREW, PBTB 3X10 SBN	
53	*9A02692300	SCREW, BTB 3X10 SZN [US]	
	*9A03545000	SCREW, TTB 3X10 SZN [C,E]	
54	*9A03545200	SCREW, TTBW 3X6 SZN	
55	*9A02703700	SCREW, PSTB 3X8	
56	*9A02692800	WASHER, TOOTHED LOCK LW3	
57	*9A02692500	SCREW, BTB 4X8 SZN	
58	*9A03544900	SCREW, TTB 3X8 SZN	
59	*9A03544800	SCREW, TTB 3X6 SZN	

INCLUDED ACCESSORIES

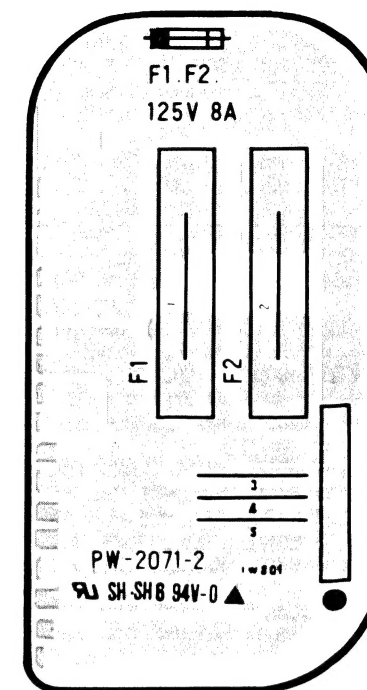
REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
	*9A03304200	OWNER'S MANUAL, E/F AG-V1200	
	*9A03451800	OWNER'S MANUAL, GER. AG-V1200 [E]	
	*9A02965300	MATCHING UNIT, 75-300 OHM [E]	
	*9A02706800	BASE LOOP ANT	
	*9A02702600	SIGNAL CABLE	
	*9A02699500	FM ANTENNA ASSY	
	△ 9A03545400	DRY BATTERY, AAM-1.5V	
	*9A02966700	LOOP ANTENNA HOLDER-B	
	*9A03562300	REMOCON ASSY, AG-V1200	

4. PC BOARDS AND PARTS LIST

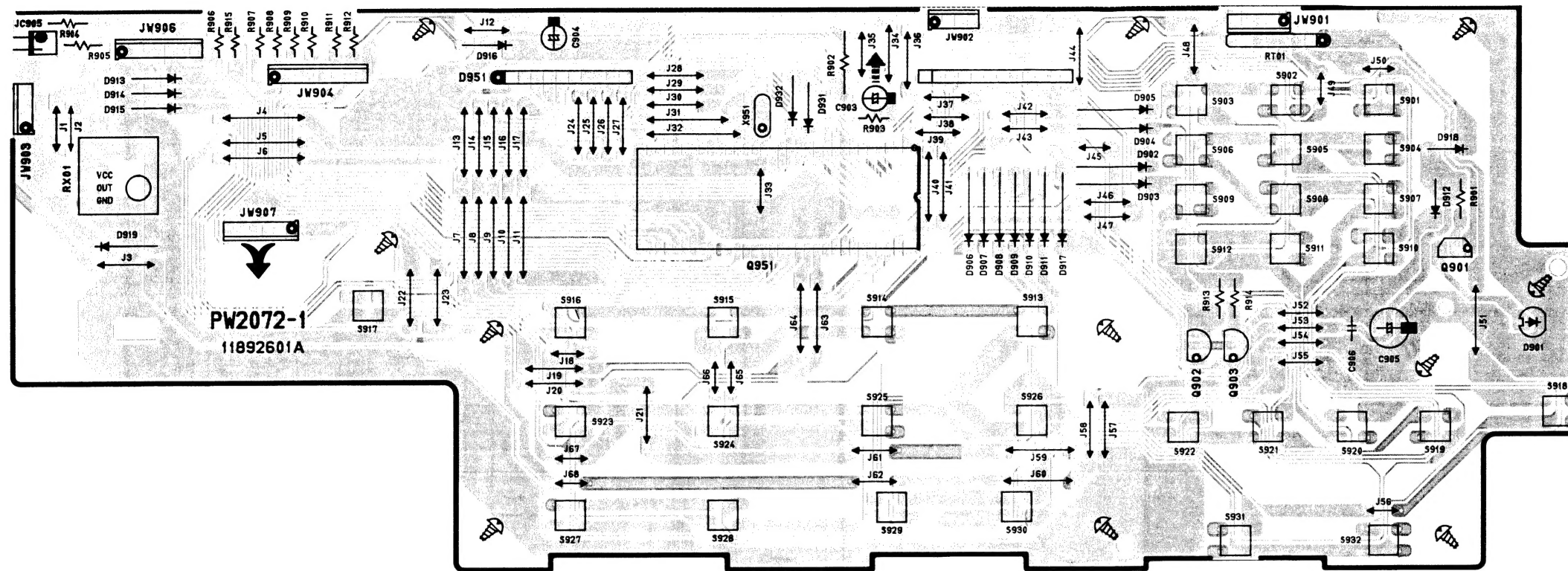
MAIN PCB ASSY



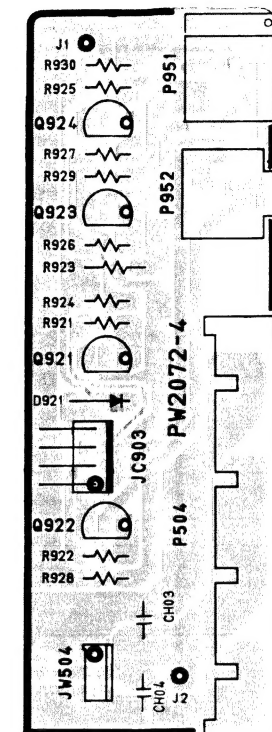
POWER TRANS. PCB ASSY



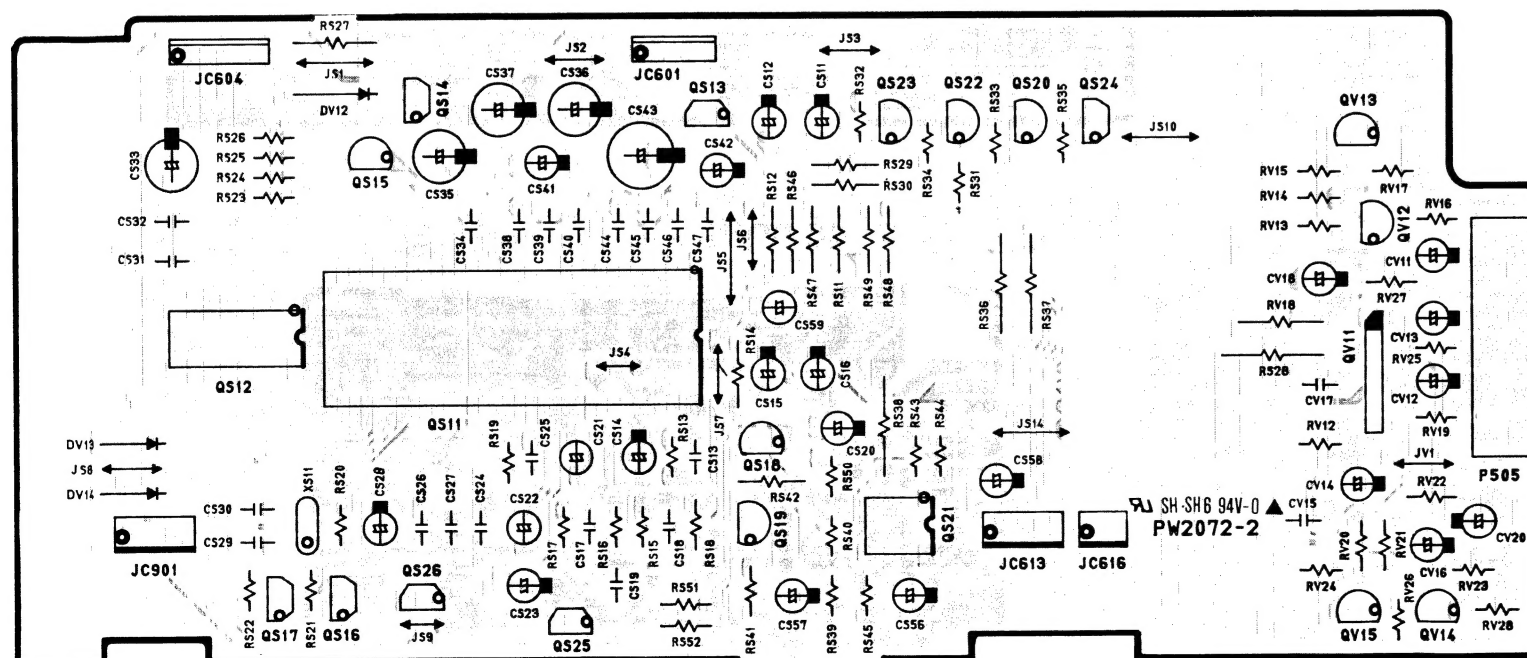
U-COM PCB ASSY



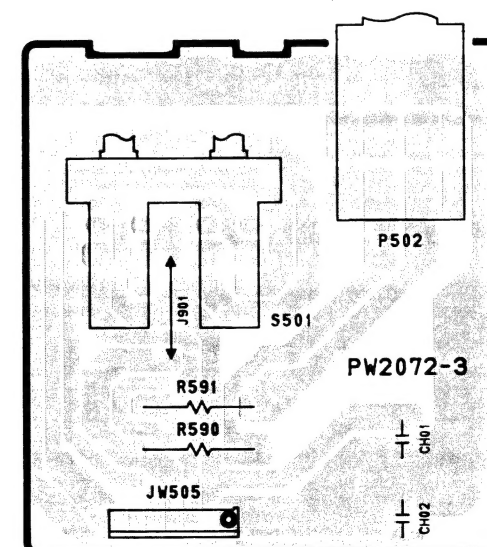
REAR SPK JACK PCB ASSY



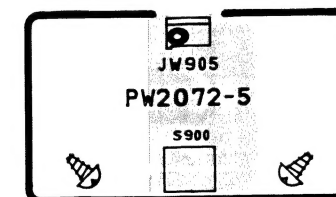
SURROUND PCB ASSY



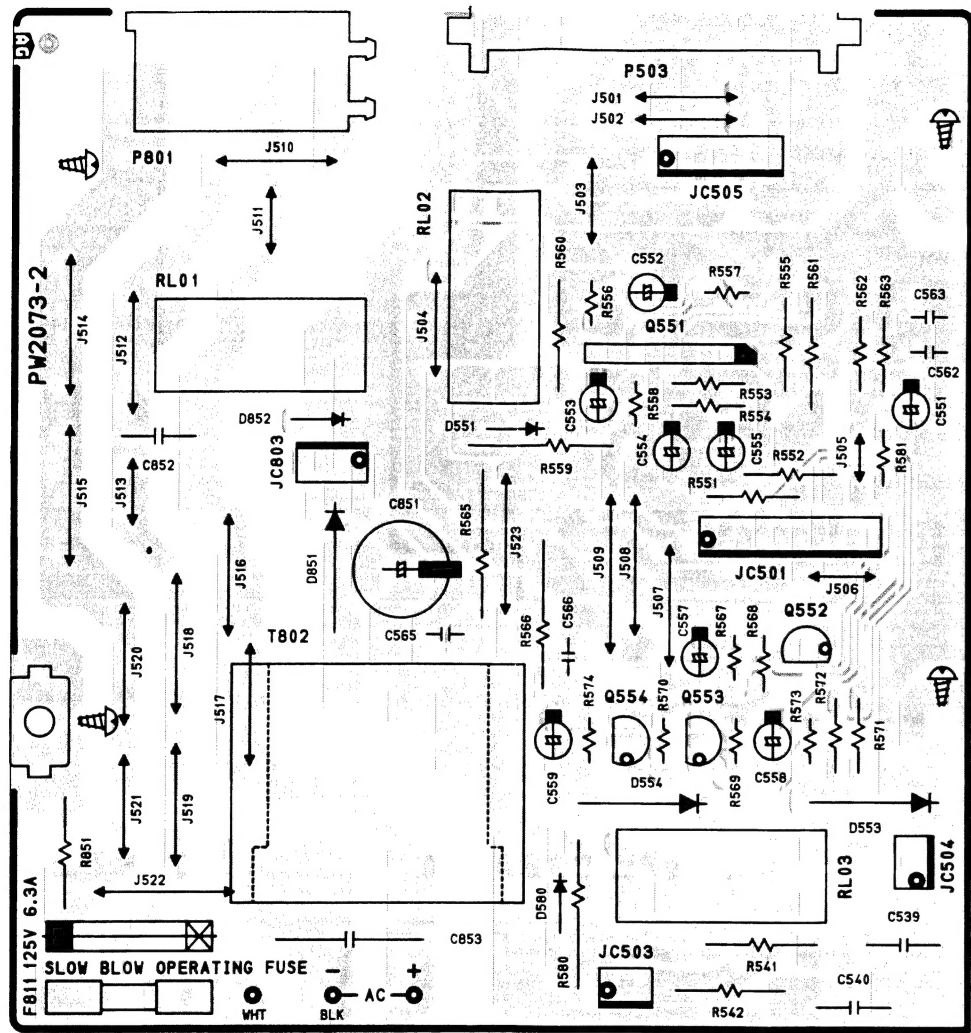
SPK SW PCB ASSY



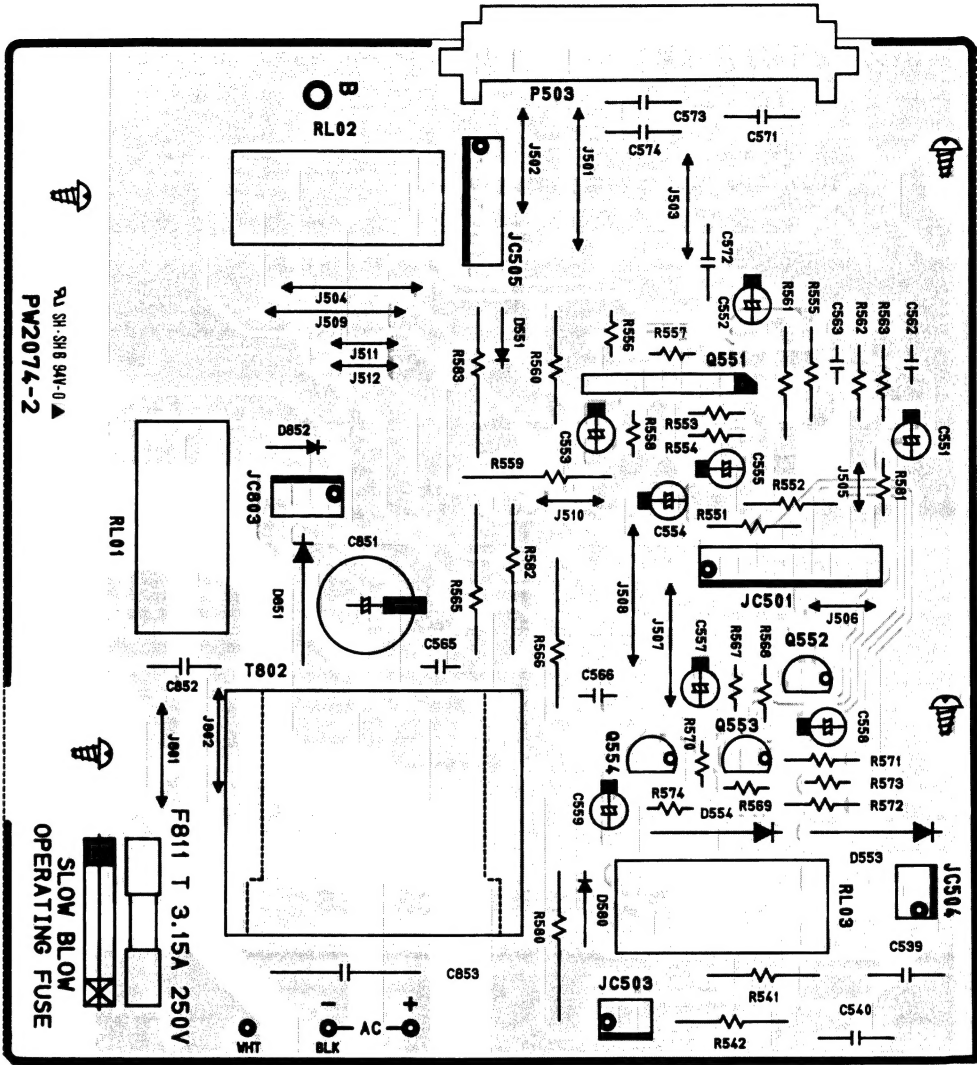
POWER SW PCB ASSY



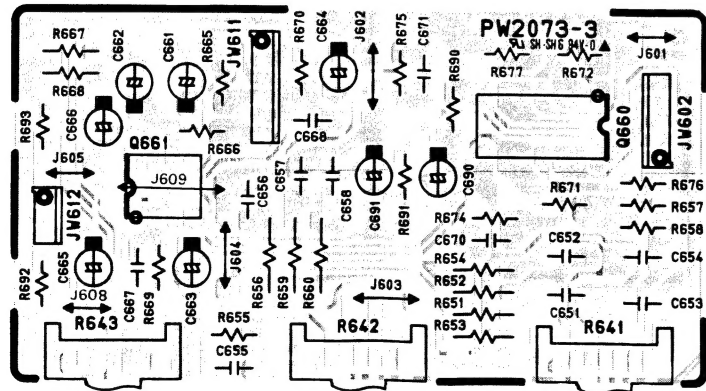
PROTECTOR PCB ASSY [US,C]



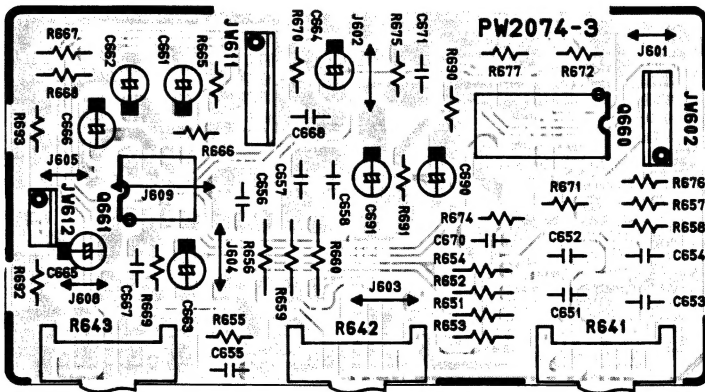
PROTECTOR PCB ASSY [E]



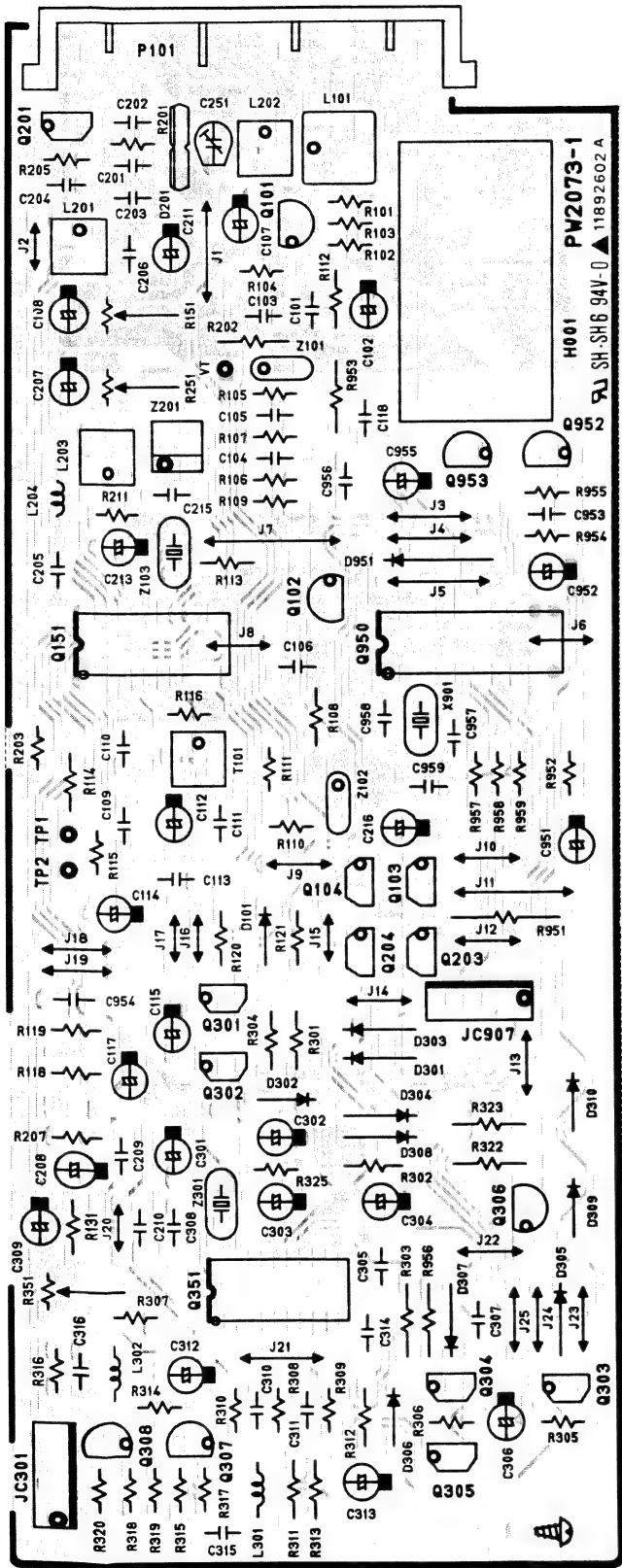
TONE CONTROL PCB ASSY [US,C]



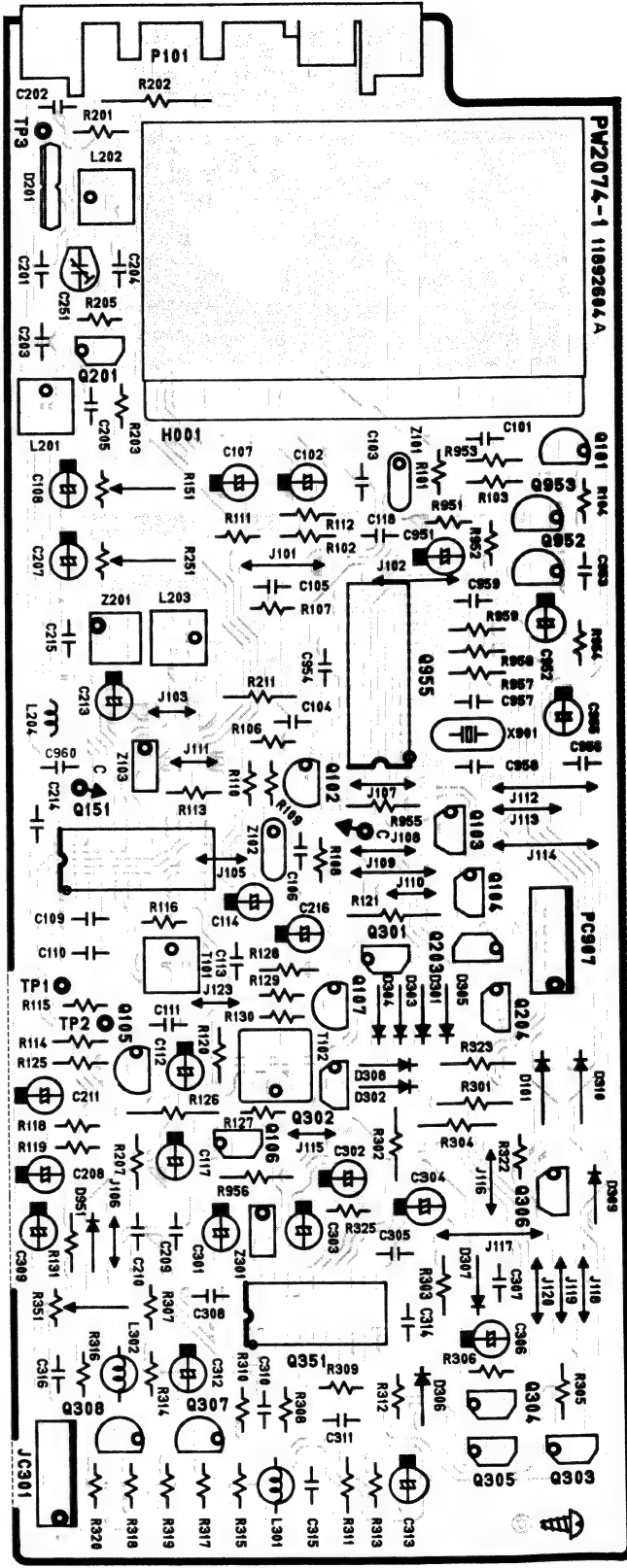
TONE CONTROL PCB ASSY [E]



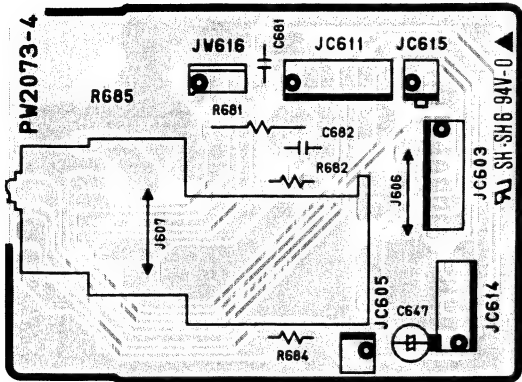
TUNER PCB ASSY [US,C]



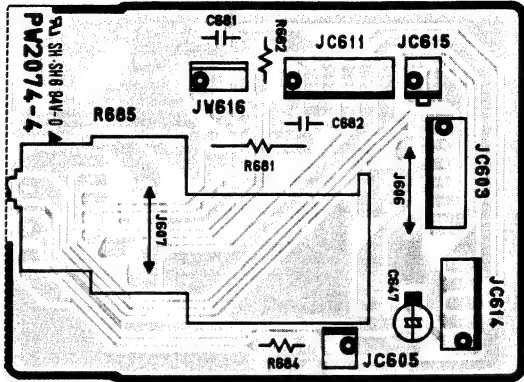
TUNER PCB ASSY [E]



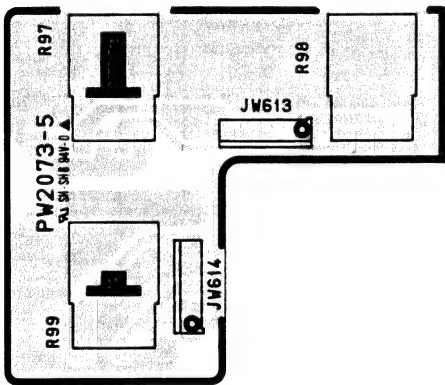
VOLUME PCB ASSY [US,C]



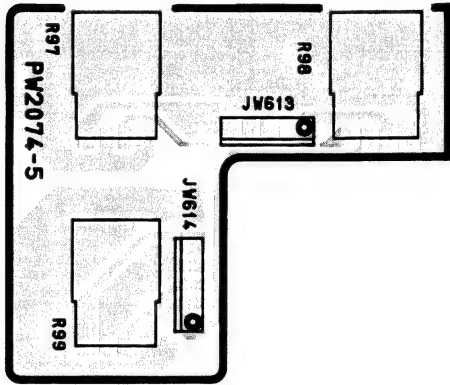
VOLUME PCB ASSY [E]



BALANCE PCB ASSY [US,C]



BALANCE PCB ASSY [E]



POWER LED PCB ASSY [US,C]



POWER LED PCB ASSY [E]



MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03555600	MAIN PCB ASSY,PW2071-I [US]
	*9A03555610	MAIN PCB ASSY,PW2071-I [C]
	*9A03555620	MAIN PCB ASSY,PW2071-I [E]
C801,802 Δ	9A03319700	C, ELEC. 10000UF 75V
C803,804 Δ	9A02711000	C, CERAMIC 0.01UF 500V
C814,815 Δ	9A03554500	C, ELEC. 2200UF 50V
C821 Δ	9A02711400	C, CERAMIC 0.047UF 50V
D801 Δ	9A03305600	DIODE, D5FB20
D803 Δ	9A02696500	DIODE, 1N4002
D804	9A03545900	DIODE, MTZ27C [US,C]
D804,805	9A02964800	DIODE, MTZ15A [E]
D805	9A02964800	DIODE, MTZ15A [US,C]
D806-809 Δ	9A02730800	DIODE, 1N5402
D810	9A03545800	DIODE, MTZ16C
D815	9A02964800	DIODE, MTZ15A [E]
D816,817 Δ	9A02696500	DIODE, 1N4002 [E]
JC581	9A02701300	PLUG, 2P [E]
JC601	9A03548000	PLUG, 5P
JC602	9A02701600	PLUG, 5P
JC604	9A03548100	PLUG, 6P
JC612	9A02701400	PLUG, 3P
JC801	9A02701800	PLUG, 9P
JC902	9A02701600	PLUG, 5P
JC904	9A02701700	PLUG, 8P
JC906	9A03306900	PLUG, 7P
L501,502	9A03317400	COIL, AIR 3UH
P200	9A02700700	TERMINAL, PIN
P501	9A03547500	JACK, AUDIO/VIDEO
Q501	9A03316200	IC, STK4231V
Q501A	*9A03551200	HEAT SINK-A
Q501B	*9A03545100	SCREW, TTB 3X16 SZN
Q501C	*9A03545300	SCREW, TTBW 3X8 SZN
Q504	9A03546700	IC, TDA2050
Q504A	9A02725000	INSULATOR, AC229
Q504B	9A02733900	BUSHING, TR
Q504C	*9A03545000	SCREW, TTB 3X10 SZN
Q505	9A03546700	IC, TDA2050
Q505A	9A02725000	INSULATOR, AC229
Q505B	9A02733900	BUSHING, TR
Q505C	*9A03545000	SCREW, TTB 3X10 SZN
Q581	9A02694000	TR, KTC1815-Y [E]
Q582 Δ	9A02694000	TR, KTC1815-Y [E]
Q582A	9A02706200	BRACKET, TR [E]
Q582B	*9A03544800	SCREW, TTB 3X6 SZN [E]
Q602,641	9A02698400	IC, KIA75558P
Q605,606	9A02694100	TR, KTC1815-Y [US]
Q605,606	9A02694200	TR, KTC1959-Y [C,E]
Q611	9A02694100	TR, KTC1815-Y [US]
Q611	9A02694200	TR, KTC1959-Y [C,E]
Q612	9A02696100	TR, KRA2211
Q613,614	9A02693700	TR, KTA562TM-Y
Q615,616	9A02694200	TR, KTC1959-Y
Q617	9A02694100	TR, KTC1815-Y
Q618	9A02695900	TR, KRA2204
Q619,620	9A02696200	TR, KRC1204
Q801 Δ	9A03546900	IC, KIA7815P
Q801A	*9A03551100	HEAT SINK-D
Q801B	*9A03544800	SCREW, TTB 3X6 SZN
Q801C	9A02709700	COMPOUND SILICON, YG6260
Q801Z	*9A03559000	HEAT SINK ASSY, KIA7815P

Q802	Δ 9A02694300	TR, KTA966A-Y
Q803	Δ 9A03306200	IC, KIA7806P
Q831	9A02694100	TR, KTC1815-Y
QB01	9A02698400	IC, KIA75558P
QB02	9A03546200	IC, TC9163N
R506,507	9A02736800	R, OXIDE 4.7K OHM 1/2W
R509,510	9A03319800	R, OXIDE 1K OHM 1/2W
R511	9A02736700	R, OXIDE 220 OHM 1/4W
R512,513	9A03319600	R, CEMENT 0.27 OHM 5W
R514,515	9A03553300	R, OXIDE 4.7 OHM 1W
R516,517 Δ	9A02739900	R, CEMENT 0.27 OHM 2W
R582	9A03647200	R, OXIDE 3.3K OHM 1/2W [E]
R585	9A02709900	VR, SEMI-FIXED 1KB [E]
R631	Δ 9A02711700	R, OXIDE 10 OHM 1W
R803	Δ 9A03553100	R, OXIDE 2K OHM 1W [US,C]
R804	Δ 9A02719200	R, FUSE 1 OHM 1W
R810	Δ 9A03553000	R, OXIDE 1K OHM 1W [E]
S801	Δ 9A03547300	SW, SLIDE AC 250V 5A

U-COM PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03555900	U-COM PCB ASSY,PW2072-I [US,C]
	*9A03555920	U-COM PCB ASSY,PW2072-I [E]
D901	9A02693500	DIODE, EMITTING KLA113
D902-919	9A02696600	DIODE, 1N4148
D931,932	9A02696600	DIODE, 1N4148 [E]
D951	9A03545700	FLD, CC1074CB
D951A	9A03550900	CUSHION, FLD
D951B	9A02725700	TAPE, MASKING W45
JC905	9A03547800	PLUG, 2P
Q901	9A03305200	TR, KRC1210
Q902,903	9A02694100	TR, KTC1815-Y
Q951	9A03546800	IC, TMP47C670N-1398
RT01	9A03552100	R, NETWORK 8E103J 10KX7
RX01	9A02699700	RX-MODULE, SBX1610-52
RX01	9A03306400	RX-MODULE, KRM-33G2
S901-932	9A02732000	SW, TACT KHH10-906
X951	9A03545500	CERA.RESONATOR, CST6.0MGW

SURROUND PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556000	SURROUND PCB ASSY,PW2072-2A
BV01	9A03550400	BRACKET,TUNER PCB
BV01A,01B	*9A03545300	SCREW, TTBW 3X8 SZN
DV12-14	9A02696600	DIODE, 1N4148
JC601	9A03546000	SOCKET, 5P
JC604	9A03546100	SOCKET, 6P
JC613	9A02701600	PLUG, 5P
JC616	9A02701400	PLUG, 3P
JC901	9A02701600	PLUG, 5P
P505	9A03547700	JACK, VIDEO
QS11	9A03546500	IC, LV1000
QS12	9A03546600	IC, LM33256-15
QS13,14	9A02696400	TR, KRC1211
QS15	9A02694100	TR, KTC1815-Y
QS16,17	9A02696400	TR, KRC1211

QS18-20	9A02694100	TR, KTC1815-Y
QS21	9A02698400	IC, KIA75558P
QS22,23	9A02694100	TR, KTC1815-Y
QS24-26	9A02696100	TR, KRA2211
QV11	9A03546400	IC, TA7347P
QV11	9A03547100	IC, KA8402
QV12	9A02694100	TR, KTC1815-Y
QV13	9A02693800	TR, KTA1015-Y
QV14	9A02694100	TR, KTC1815-Y
QV15	9A02693800	TR, KTA1015-Y
XS11	9A03545600	RESONATOR, CST8.00MTW

SPK SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03557000	SPK SW PCB ASSY, PW2072-3
P502	9A03547600	JACK, PHONE
R590,591	△ 9A03553200	R, OXIDE 330 OHM 1W
S501	9A03547200	SW, PUSH

REAR SPK JACK PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556100	REAR SPK JACK PCB ASSY, PW2072-4 [US,C]
	*9A03556120	REAR SPK JACK PCB ASSY, PW2072-4 [E]
D921	9A02696600	DIODE, IN4148
JC903	9A03547900	PLUG, 4P
P504	9A03547400	JACK, BOARD SPEAKER
P951	9A03306800	JACK, SIGNAL
P952	9A02701100	JACK, MIC
Q921-924	9A02694100	TR, KTC1815-Y

POWER SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556200	POWER SW PCB ASSY, PW2072-5A
S900	△ 9A02732000	SW, TACT

PROTECTOR PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556600	PROTECTOR PCB ASSY, PW2073-2 [US,C]
	*9A03556620	PROTECTOR PCB ASSY, PW2074-2 [E]
C851	△ 9A02722400	C, ELEC. 1000UF 25V
C852	△ 9A02710400	C, CER. DE7150-60IFZ103PUA1
D551	9A02696600	DIODE, IN4148
D553,554	9A02696500	DIODE, IN4002
D580	9A02696600	DIODE, IN4148
D851	△ 9A02696500	DIODE, IN4002
D852	9A02696600	DIODE, IN4148
F811A	△ 9A02724900	HOLDER, FUSE
G001	9A03308100	PLATE, EARTH [US,C]
JC501	9A03307000	PLUG, 10P

JC503,504	9A02701400	PLUG, 3P
JC505	9A03306900	PLUG, 7P
JC803	9A02701500	PLUG, 4P
P111	9A02700700	TERMINAL, PIN
P503	9A02701000	JACK, BOARD SPEAKER

P801	△ 9A03548200	AC OUTLET [US,C]
Q551	△ 9A02699200	IC, TA7317P
Q552	9A02694500	TR, KTA970GR
Q553,554	9A02694600	TR, KTC2240GR
R541,542	9A03552900	R, OXIDE 2.2 OHM 1/2W

R559	△ 9A03320100	R, OXIDE 620 OHM 1W [E]
R559	△ 9A03553000	R, OXIDE 1K OHM 1W [US,C]
R560,561	9A03319900	R, OXIDE 18K OHM 1/2W
R565,566	9A03320000	R, OXIDE 4.7 OHM 1W
R580	△ 9A03553000	R, OXIDE 1K OHM 1W [US,C]

R580	△ 9A03320100	R, OXIDE 620 OHM 1W [E]
R582,583	△ 9A03320100	R, OXIDE 620 OHM 1W [E]
R851	△ 9A02722600	R, CARBON 3.3M OHM 1/2W [US,C]
RL01	△ 9A02700300	RELAY, VS-12M UL/CSA
RL02,03	9A02700400	RELAY, SM323D24

T802	△ 9A03317300	TRANS., REMOCON [US,C]
T802	△ 9A03646100	TRANS., PWR 230V [E]

TONE CONTROL PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556700	TONE CONTROL PCB ASSY, PW2073-3 [US,C]
	*9A03556720	TONE CONTROL PCB ASSY, PW2074-3 [E]
Q660	9A03547000	IC, LC4966
Q661	9A02698400	IC, KIA75558P
R641,642	9A03552200	VR, 50K
R643	9A03552300	VR, 100KBX2

TUNER PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556500	TUNER PCB ASSY, PW2073-1 [US,C]
	*9A03556520	TUNER PCB ASSY, PW2074-1 [E]
B301	9A03550800	PLATE, EARTH [US,C]
C251	9A02710500	C, VARIABLE S 50V 20PF
D101,301	9A02696600	DIODE, IN4148
D201	9A02697000	DIODE, K1236Z-2.3.4
D302-310	9A02696600	DIODE, IN4148
D951	9A02696600	DIODE, IN4148
H001	9A02699400	FM TUNER, PACK KCF201H [US,C]
H001	9A02965200	FM TUNER, TFFG3E178A [E]
JC301,907	9A03316900	PLUG, 6P
L101	9A02703100	TRANS, BALUN FM [US,C]
L201	9A02703200	COIL, AM OSC
L202	9A02703300	COIL, AM RF
L203	9A02703400	COIL, AM DET
L204	9A02965900	COIL, PEAKING 1MH
L301,302	9A02703000	COIL, PEAKING 5MH
P100	9A02700700	TERMINAL, PIN
P101	9A02965400	TERMINAL, ANT. [E]
P101	9A03306700	TERMINAL, BOARD [US,C]

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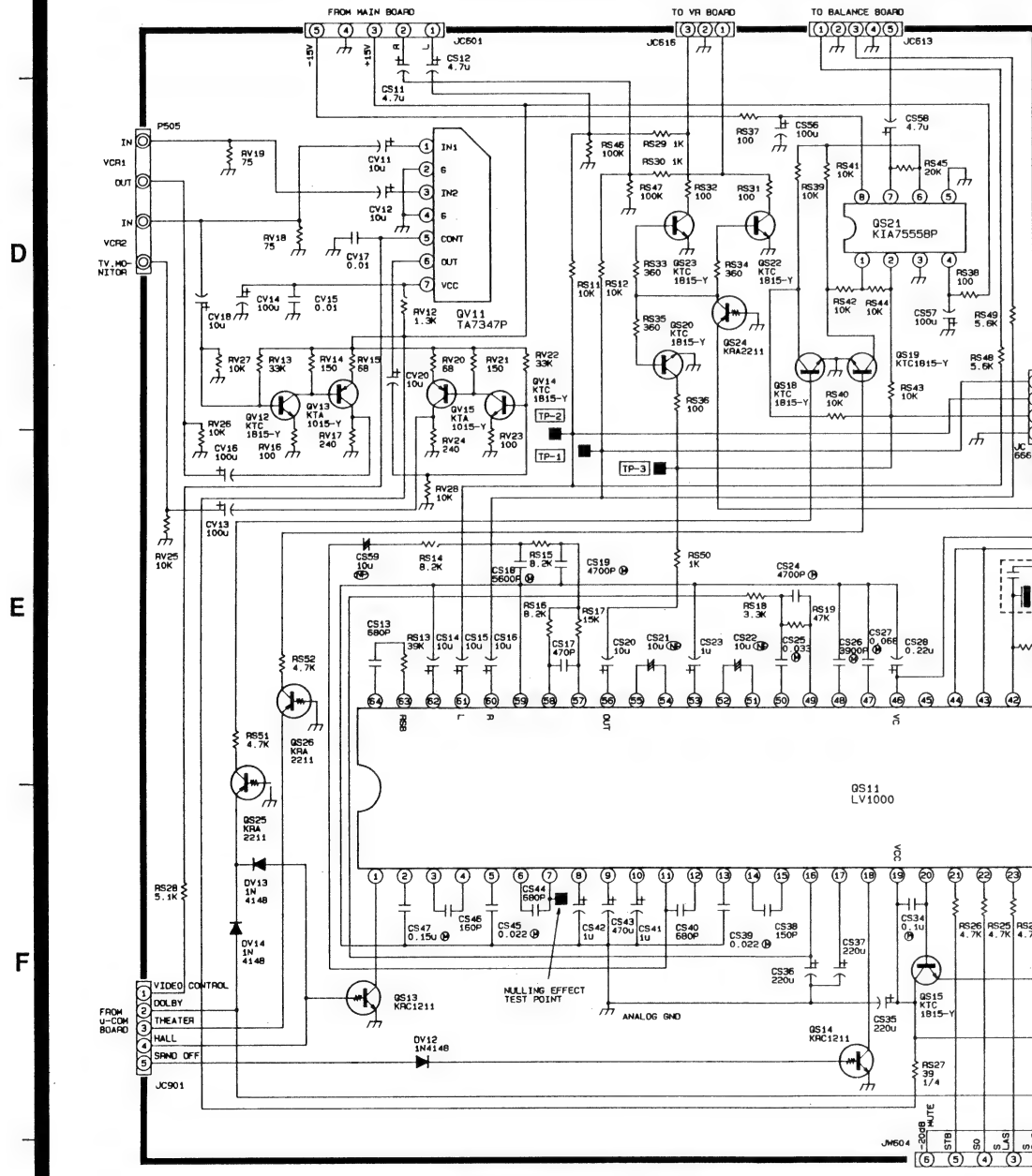
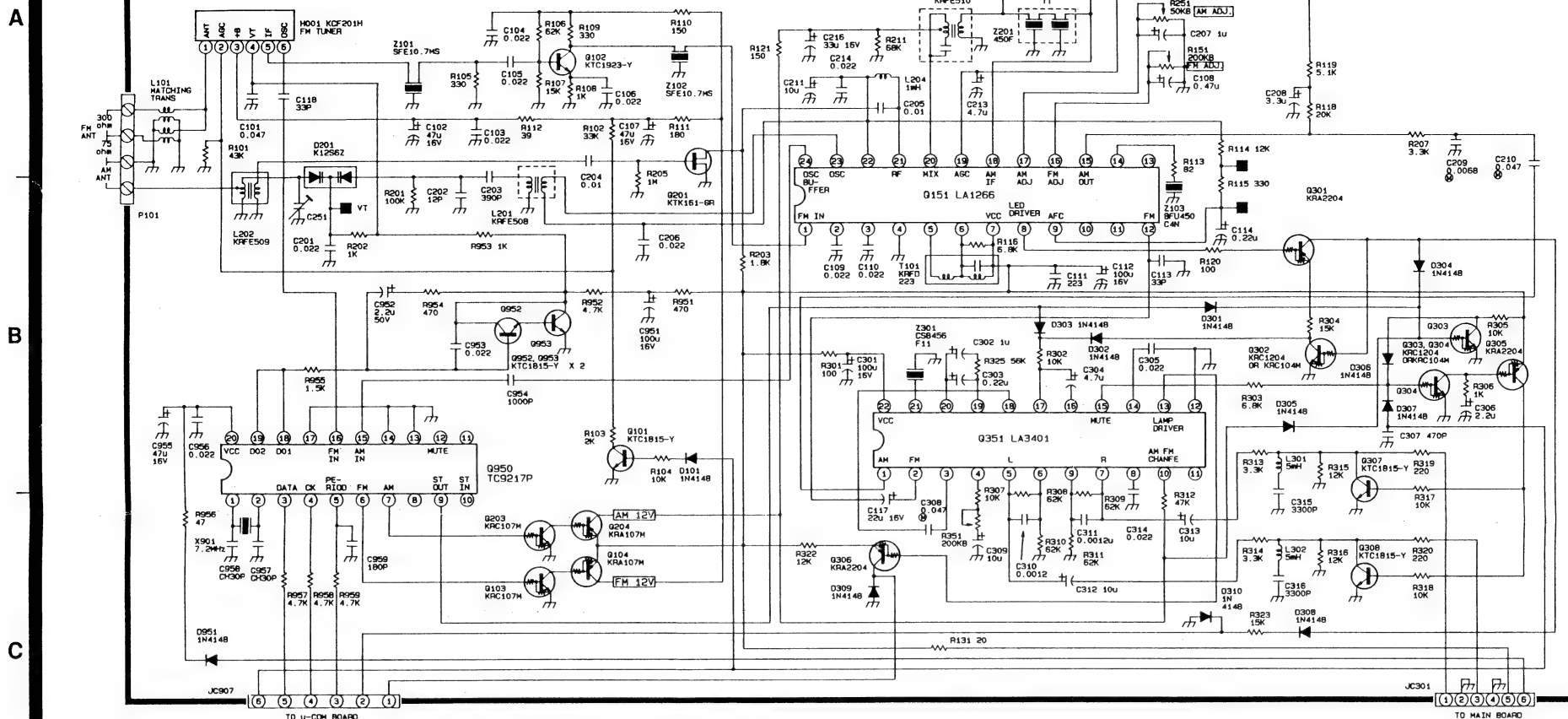
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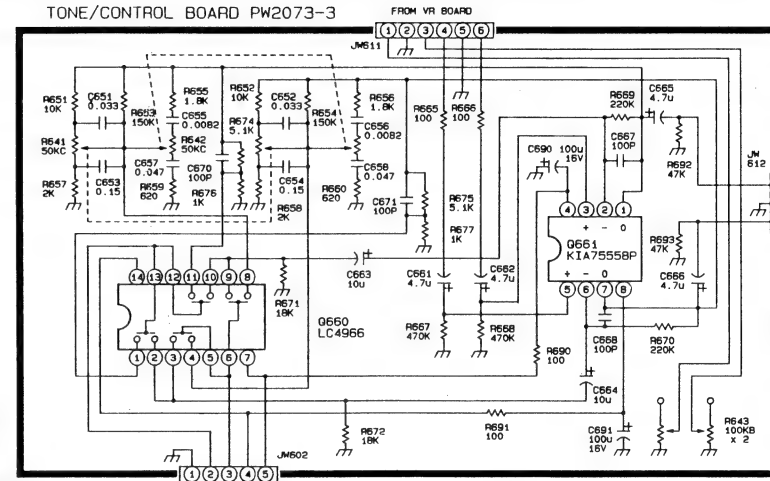
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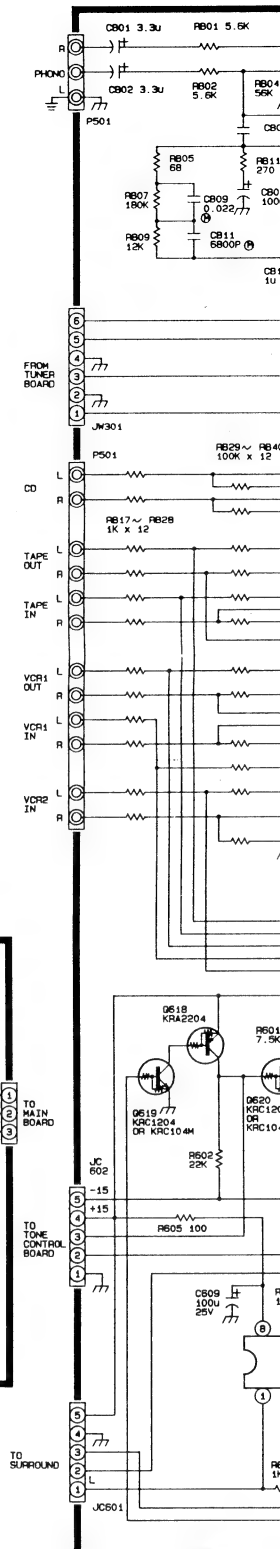
TUNER BOARD PW 2073-1



SURROUND BOARD PW2072-2



TONE/CONTROL BOARD PW2073-3



BLANCE BOARD PW2073-5

NOTE

- ALL RESISTORS ARE 1/8W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED. RESISTANCE UNIT IS IN OHM. K=1,000 M=1,000,000. 1/2W: METAL OR METAL OXIDE 1/2W. 1/25: SOLID 1/2W.
- ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED. CAPACITANCE LESS THAN 1 ARE EXPRESSED IN UF, AND GREATER THAN 1 IN PF.

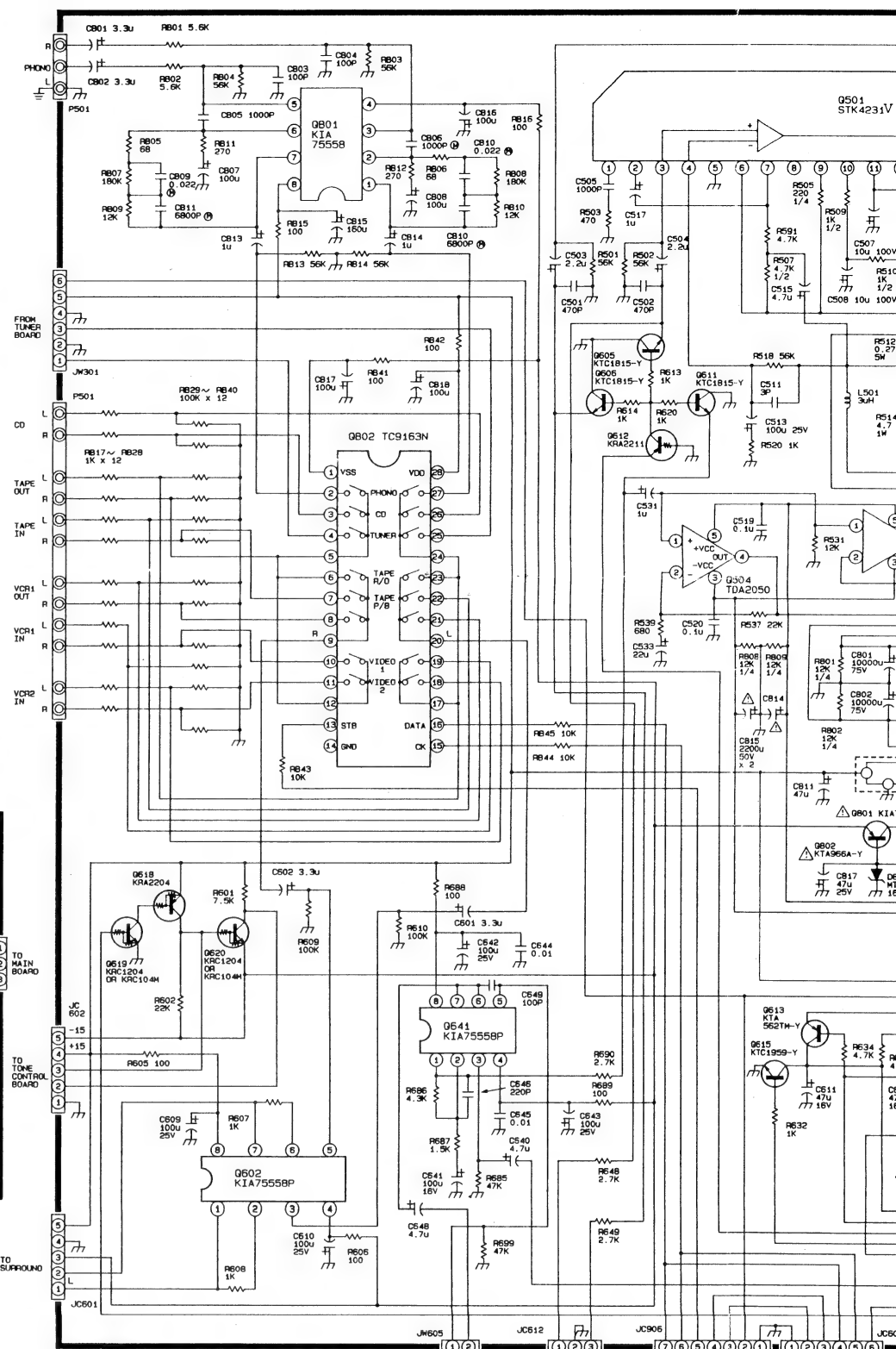
IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED BY Δ MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

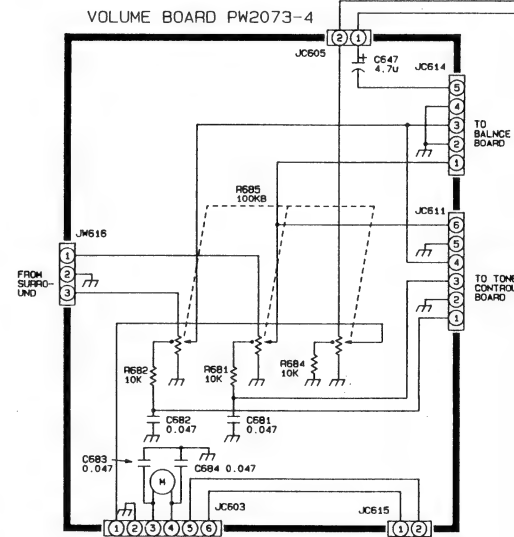
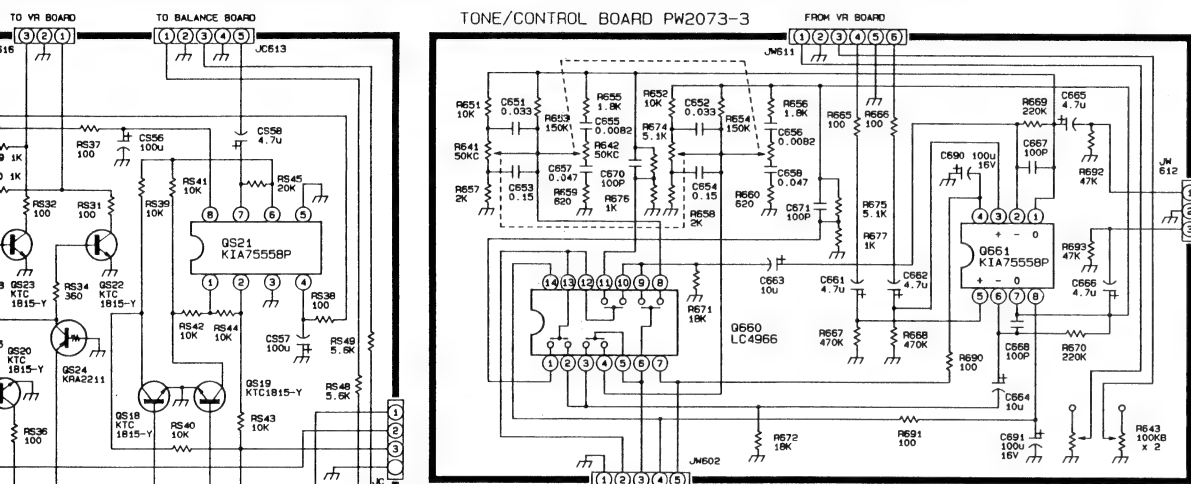
INSTRUCTIONS FOR SERVICE PERSONNEL

BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

MAIN BOARD PW2071-1

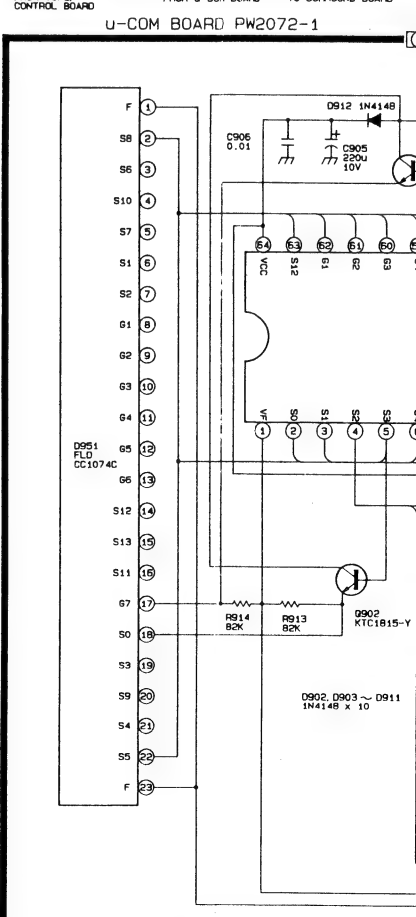
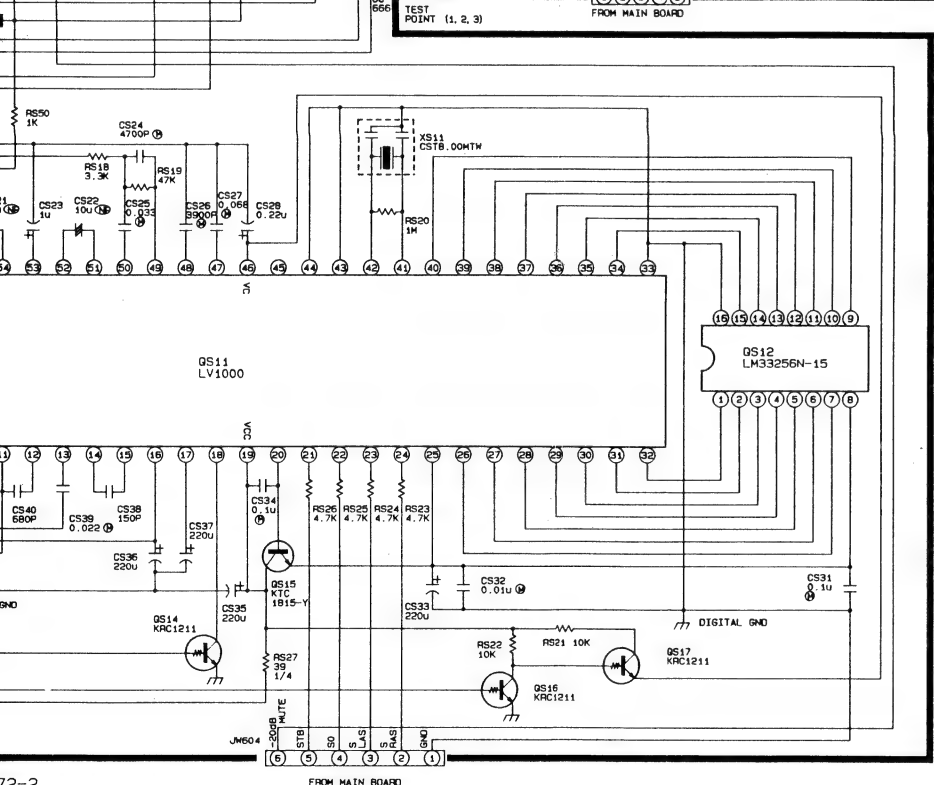


VOLUME BOARD PW2073-4



BLANCE BOARD
PW2073-5

POWER LED BOARD
PW2073-6




***** NOTE *****

1. ALL RESISTORS ARE 1/4W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED
RESISTANCE UNIT IS IN OHM, K=1,000 M=1,000,000
1/2W: METAL OR METAL OXIDE 1/2W. 1/2S: SOLID 1/2W.
1/2W: FUSE RESISTOR 1/2W. 10W: CEMENT RESISTOR 10W.

2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
CAPACITANCE LESS THAN 1 μ ARE EXPRESSED IN P.F. AND GREATER THAN 1 IN P.F.

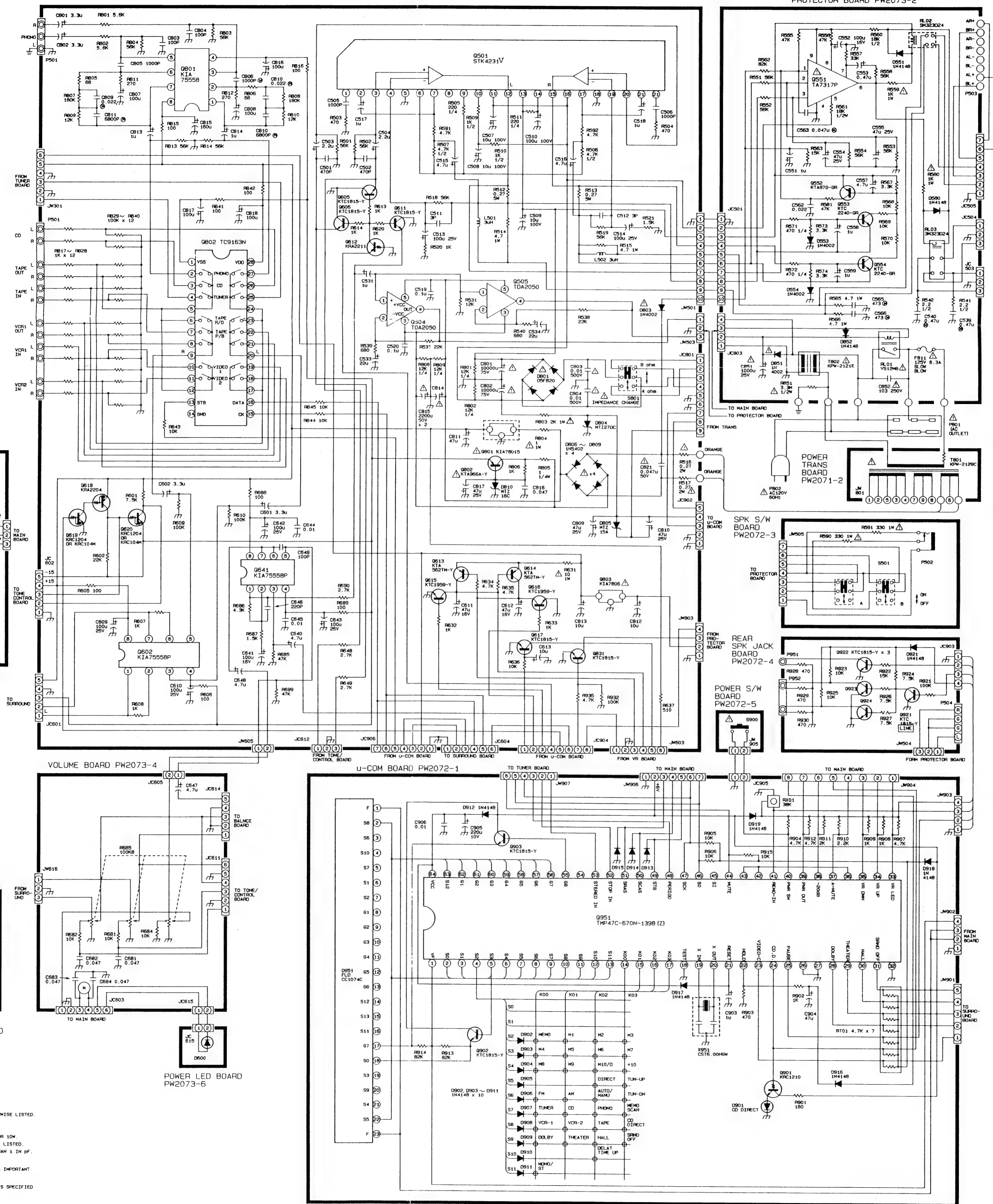
***** IMPORTANT SAFETY NOTICE *****

COMPONENTS IDENTIFIED BY  MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.

WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

MAIN BOARD PW2071-1

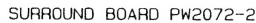
PROTECTOR BOARD PW2073-2



Audio/Video Surround Receiver **AG-V1200**

U.S.A., Canada model

1st Issue; April 1992



** NOTE **

1. ALL RESISTORS ARE 1/8W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED.
RESISTANCE UNIT IS IN OHM. K=1,000 M=100,000
1/2R : METAL OR METAL OXIDE 1/2W. 1/2S : SOLID 1/2W.
1/2F : FUSE RESISTOR 1/2W. 10W : CEMENT RESISTOR 10W.
2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
CAPACITANCE LESS THAN 1 IN ARE EXPRESS IN uH. AND GREATER THAN 1 IN pF.

**** IMPORTANT SAFETY NOTICE ****

COMPONENTS IDENTIFIED BY MARK HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.

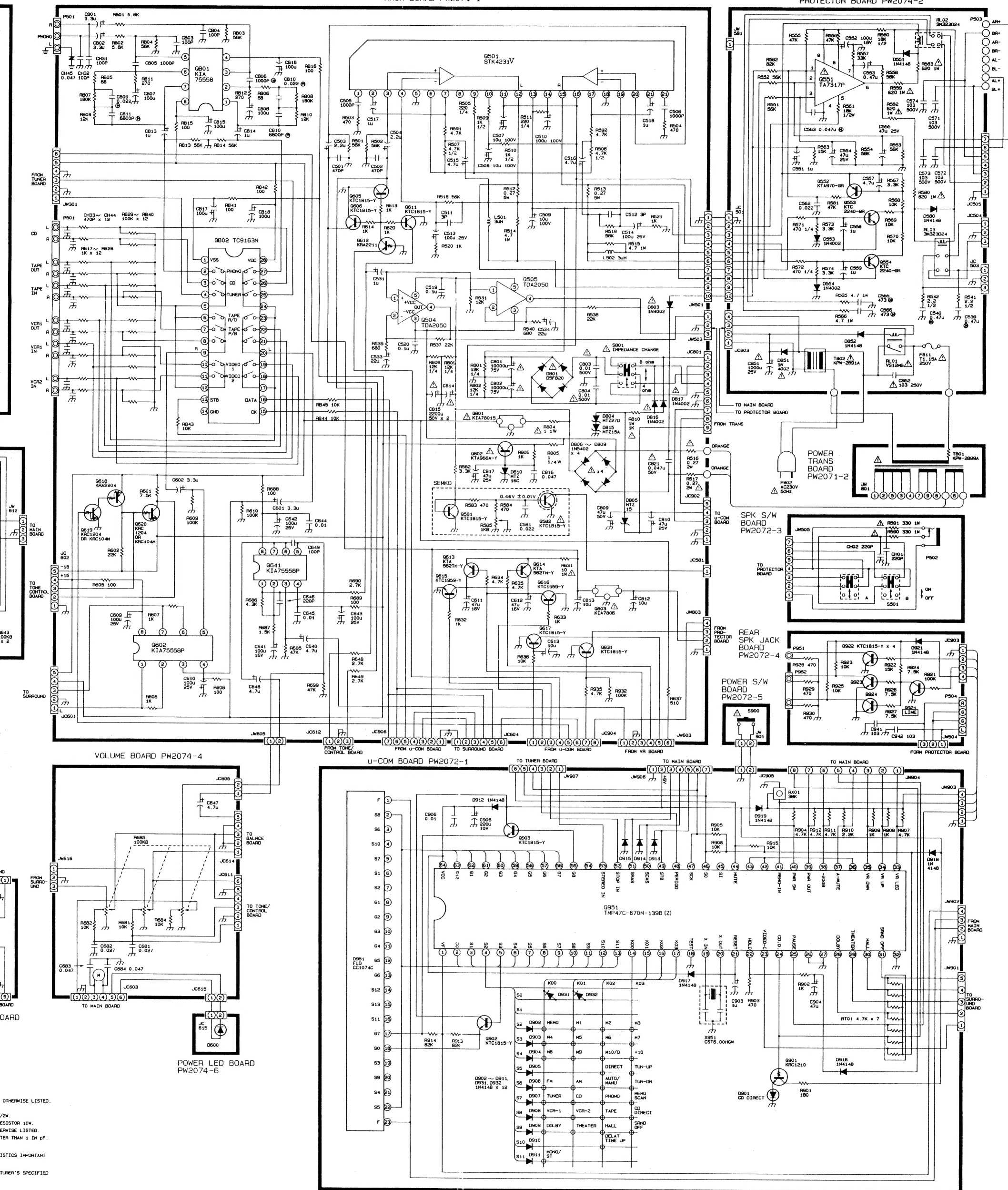
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY MANUFACTURER'S SPECIFIED PARTS.

INSTRUCTIONS FOR SERVICE PERSONNEL

BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

MAIN BOARD PW2071-1

PROTECTOR BOARD PW2074-2



OTHERWISE LISTED
/2W.
RESISTOR 10W.
ERWISE LISTED.
TER THAN 1 IN pF.
ISTICS IMPORTANT
TURNER'S SPECIFIED

Audio/Video Surround Receiver **AG-V1200**
Europe model

1st Issue: April 1992

P101A	9A03646400	PLATE, EARTH [E]
Q101	9A02694100	TR, KTC1815-Y
Q102	9A02964300	TR, KTC1923-Y
Q103	9A02696300	TR, KRC1207
Q104	9A02696000	TR, KRA2207
Q105	9A02964400	TR, KTK30ATM-GR [E]
Q106	9A02696200	TR, KRC1204 [E]
Q107	9A02694100	TR, KTC1815-Y [E]
Q151	9A02965000	IC, LA1266
Q201	9A03304900	TR, KTK161GR
Q203	9A02696300	TR, KRC1207
Q204	9A02696000	TR, KRA2207
Q301	9A02695900	TR, KRA2204
Q302-304	9A02696200	TR, KRC1204
Q305,306	9A02695900	TR, KRA2204
Q307,308	9A02694100	TR, KTC1815-Y
Q351	9A02965100	IC, LA3401
Q950	9A03546300	IC, TC9217P
Q952,953	9A02694100	TR, KTC1815-Y
R151,251	9A02968800	VR, SEMI-FIXED 50KB
R351	9A02968900	VR, SEMI-FIXED 200KB
T101	9A02965700	COIL, SIF KRFD223
T102	9A02965800	COIL, KRFE216 [E]
X901	9A02700500	CRYSTAL, 7.2MHZ
Z101,102	9A02693000	FILTER, SFE10.7MS-2A [US,C]
Z101,102	9A02957400	CERA.FILTER,10.7MS3GK-A [E]
Z103	9A02964100	CERAMIC FILTER, BFU450C4N
Z201	9A02693100	CERA. SESONATOR, SFZ450F
Z301	9A02964200	CERA. RESONATOR, CSB456F11

VOLUME PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556800	VOLUME PCB ASSY, PW2073-4 [US,C]
	*9A03556820	VOLUME PCB ASSY, PW2074-4 [E]
JC603	9A03316900	PLUG, 6P
JC605	9A02701300	PLUG, 2P
JC611	9A03316900	PLUG, 6P
JC614	9A02701600	PLUG, 5P
JC615	9A03307100	PLUG, 2P
R685	9A03552700	VR, 100KBX3

BALANCE PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556900	BALANCE PCB ASSY, PW2073-5 [US,C]
	*9A03556920	BALANCE PCB ASSY, PW2074-5 [E]
RS97	9A03552600	VR, 100KB
RS98	9A03552500	VR, 100KB
RS99	9A03552400	VR, 100KB

POWER LED PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9A03556300	POWER LED PCB ASSY, PW2073-6 [US,C]
	*9A03556320	POWER LED PCB ASSY, PW2074-6 [E]
D600	9A02729400	DIODE, EMITTING KLRI13E
JC615	9A03307100	PLUG, 2P

AG-V1200

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